

# Adaptive Elk and Carnivore Management Project

## Capture Summary

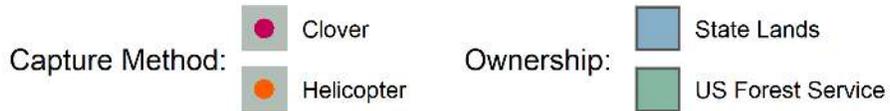
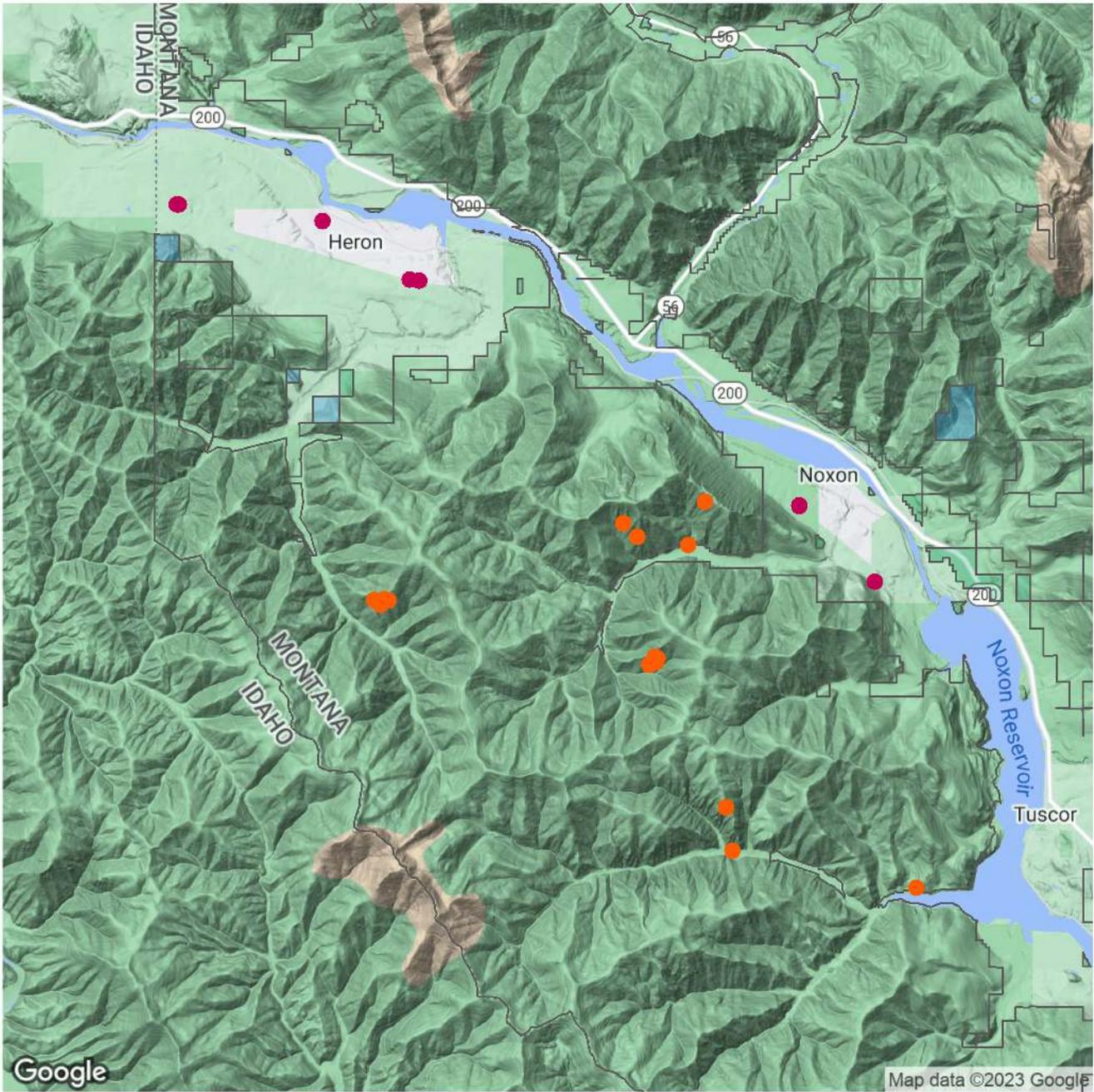
February 18, 2023

A total of **62** elk (47 adult females, 7 adult males, and 8 calves) have been captured and collared in the Pilgrim Creek study area as part of the Adaptive Elk and Carnivore Management Project. Clover trapping began in December 2022 and helicopter captures took place from 2/15/2023-2/16/2023. To date, 28 elk (18 adult females, 0 yearling female, 2 adult males, 8 calves) have been captured and collared using clover trapping and 34 elk (29 adult females, 5 adult males) have been captured and collared using chemical immobilization delivered from helicopter. We placed 25 vaginal implant transmitters (VITs) in adult females to assist in locating and capturing neonate calves. We collected **41** blood serum samples from adult female elk for pregnancy testing, brucellosis screening, and a full serology panel to test for exposure to other diseases. All elk were fitted with satellite-linked GPS collars that will collect locations every 2 hours. Adult elk collars will collect location data for the next 3 years.

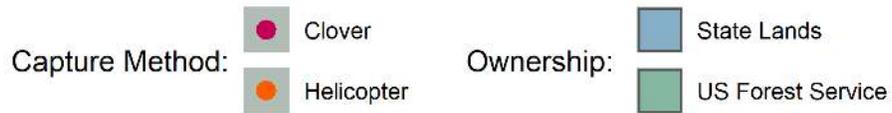
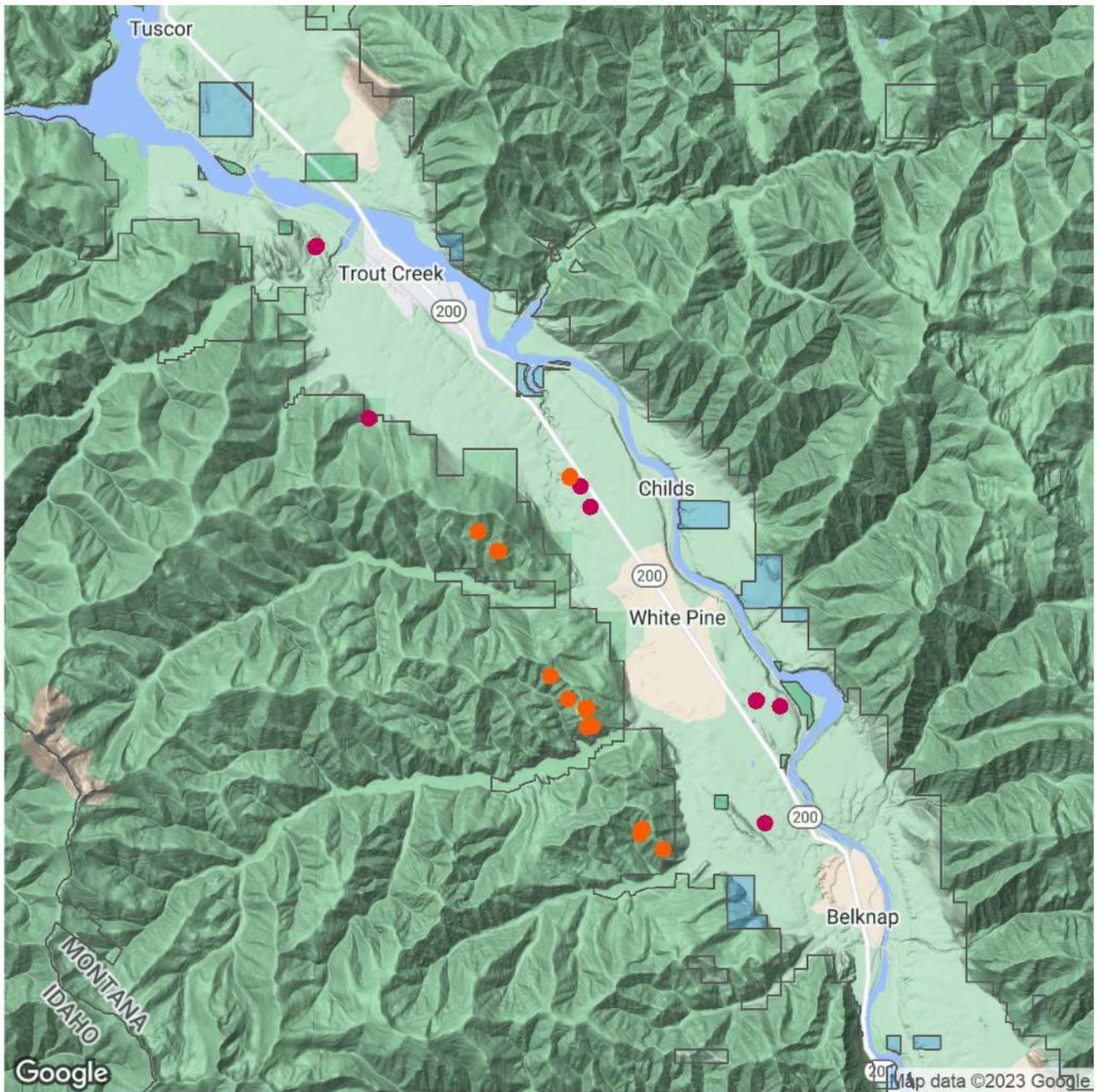
To date, we have captured and collared 3 female mountain lions in the study area. Lions were fitted with satellite-linked GPS collars that will collect locations every 4 hours for the next 3 years.

# 2023 Elk Capture Locations

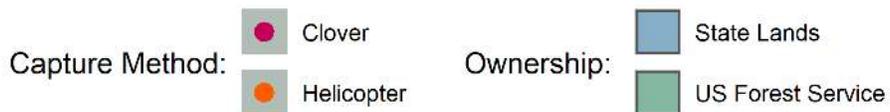
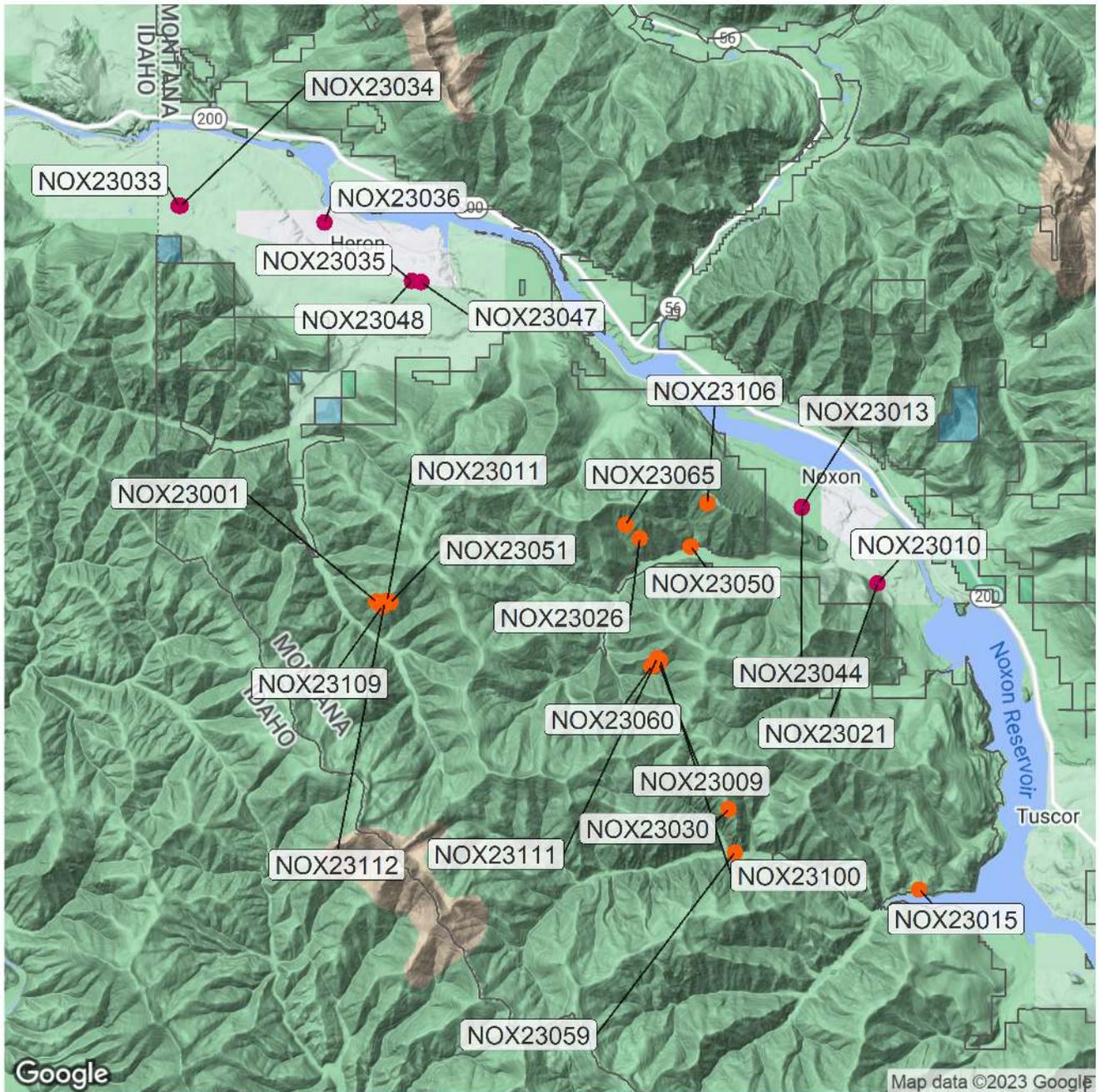
## Elk locations between Heron and Trout Creek



# Elk locations between Trout Creek and Belknap

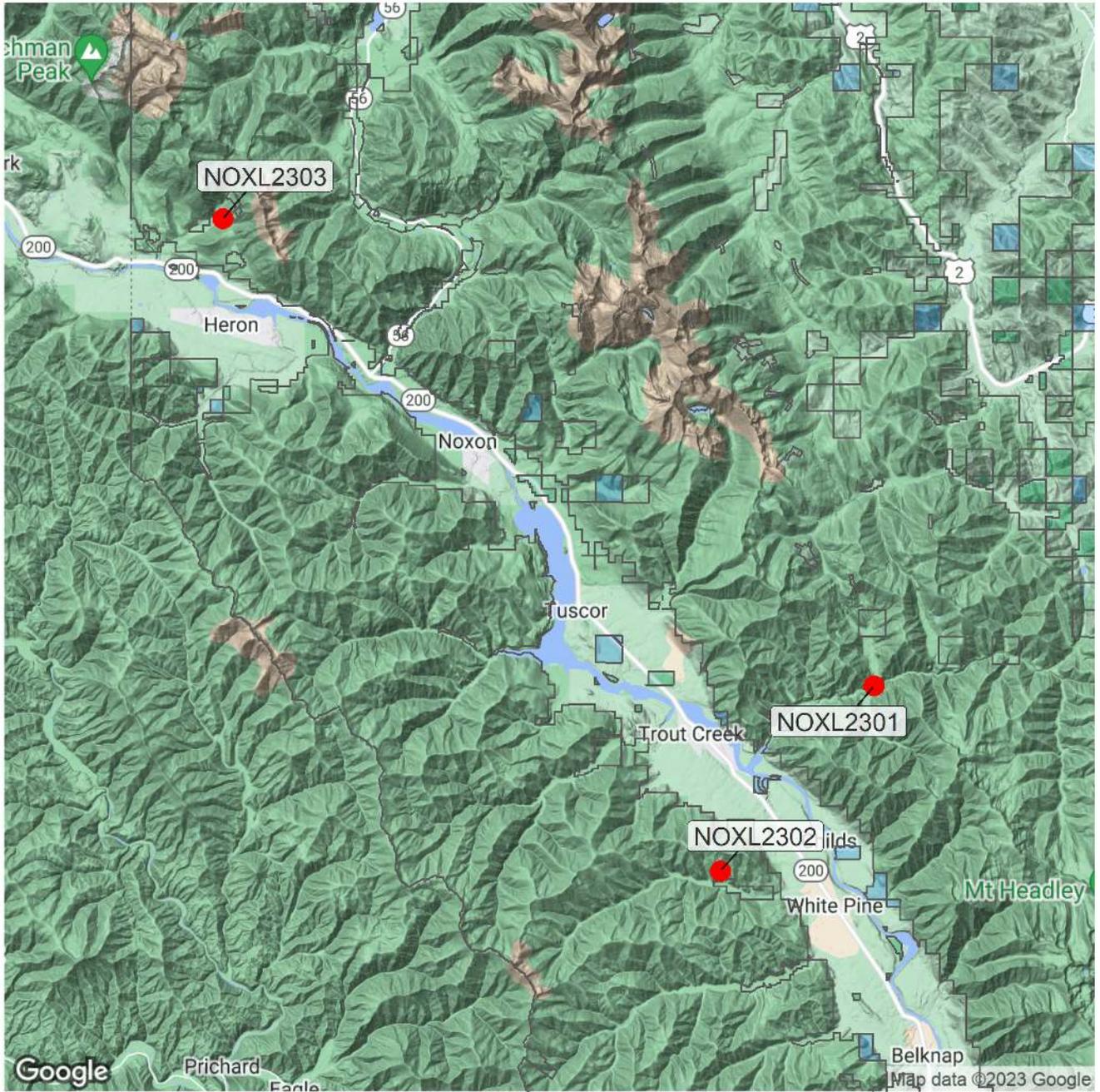


# Elk locations between Heron and Noxon





# 2023 Lion Capture Locations



Ownership:  State Lands  
 US Forest Service

[Report Generated: February 18, 2023]